

Abstract

A photovoltaic element, in particular, for application as solar cell for photovoltaic units, comprises a photon absorber (10). An electrically conductive working element (12) is at least partly embedded in the photon absorber (10). The working element (12) is separated from the photon absorber (10) by means of a phase boundary. The working element (12) further comprises a higher electron mobility than the photon absorber (10). It was surprisingly discovered that the efficacy of said photovoltaic element is greatly increased.

(Fig. 1)